

FIG. 1

FIG. 2A



FIG. 2B



FIG. 3A



FIG. 3B

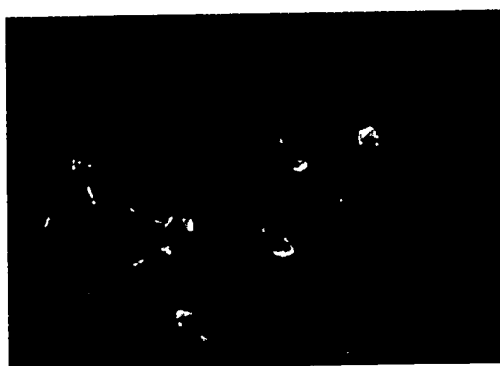


FIG. 3C

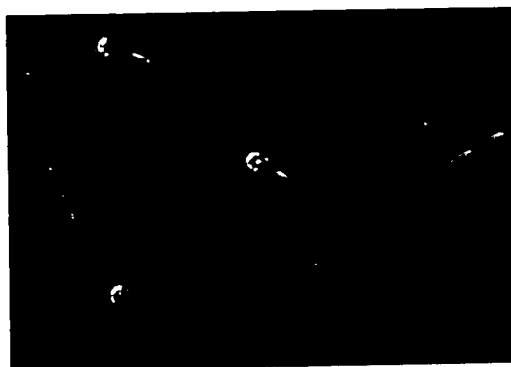


FIG. 3D



FIG. 4A

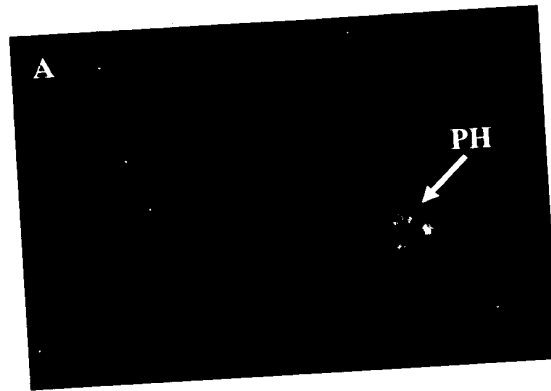


FIG. 4B

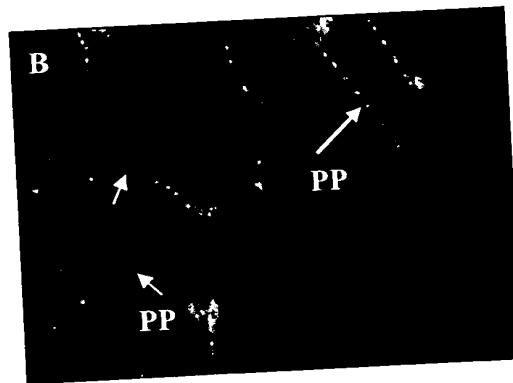


FIG. 4C

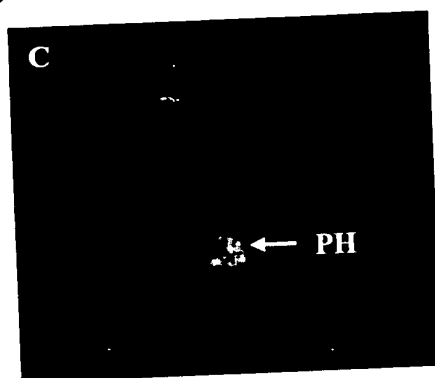
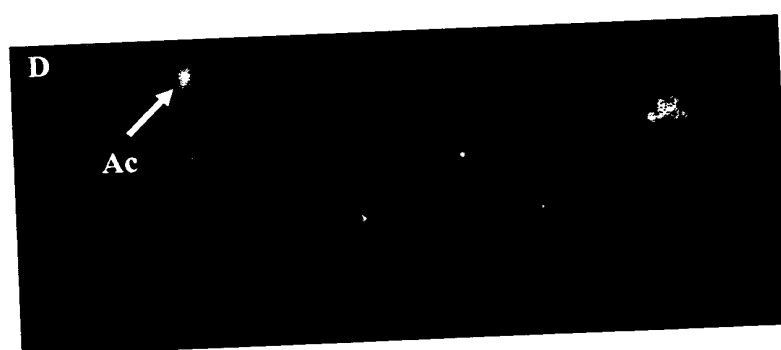


FIG. 4D



ORF: nt 93

bfaa900.seq Length: 900 Tuesday, August 19, 2003 Type: N Check: 8833 ..

```
1   TTACAAGTCA GCAGAGTCTG AGCAGGTGGC TCAGAGCCCCG CTCTCCAGAC
51  ACTGCTACCC TCTCTCCGAG CCCTGAAGTC AGAGGAGCCA CGATGCCTCT
101 GCCGCTGGCC TGCCTGCTGC TTCTCCTCCT CTCCACCCAC AGTGCCCTGG
151 CCCTCAAGAT CTGCTCCTTC AATGTGAGGT CCTTTGGGGA ATCCAAGAAG
201 GCAAACGTGA ATGCCATGGA TGTCATTGTG AAGGTCATCA AACGCTGTGA
251 TATCATACTC CTGATGGAAA TCAAGGACAG CAGCAACAGG ATCTGCCCCA
301 CACTGATGGA GAAGCTAAAC GGAAATTCAA GAAAAGGCAT AACATACAAC
351 TATGTGATTA GCTCTCGCCT TGGAAGAAAC ACATATAAAG AACAGTATGC
401 CTTTCTCTAT AAAGAAAAGC TAGTGTCTGT AAAACAAAGC TACCTCTACC
451 ACGACTATCA GGCTGGAGAC GCAGATGTGT TTTCCAGGGA ACCCTTTGTG
501 GTCTGGTTCC AGTCACCCTA CACCGCTGTC AAGGACTTCG TGATTGTCCC
551 CCTGCACACC ACCCCTGAGA CATCCGTTAG AGAGATTGAT GAGCTGGCTG
601 ATGTCTACAC AGATGTGAAA CGTCGCTGGA ATGCAGAGAA TTTCATTTTC
651 ATGGGTGACT TCAATGCTGG CTGCAGCTAC GTCCCCAAGA AGGCCTGGAA
701 GGACATCCGC CTGAGGACGG ACCCCAAGTT CGTTTGGCTG ATCGGGGACC
751 AAGAGGACAC CACGGTCAAG AAGAGCACAA ACTGCGCCTA TGACAGGATC
801 GTGCTTAGAG GACAAAATAT TGTCAACTCT GGTGGTCCTC AATCAAACCT
851 CGTCTTTGAT TTCCAGAAAG CTTACAGGTT GTCTGAATCG AAGGCCCTGG
```

FIG. 5

AA_SEQUENCE 1.0

TRANSLATE of: bfaa900.seq check: 8833 from: 93 to: 900
generated symbols 1 to: 269.

bfaa900.pep Length: 269 Tuesday, August 19, 2003 Type: P Check: 3954 ..

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1    MPLPLACLLL LLLSTHSALA LKICSFNVRS FGESKKANCN AMDVIVKVIK
51   RCDIILLMEI KDSSNRICPT LMEKLNQNSR KGITYNYVIS SRLGRNTYKE
101  QYAFLYKEKL VSVKQSYLYH DYQAGDADV SREPFVWFQ SPYTAVKDFV
151  IVPLHTTPET SVREIDELAD VYTDVKRRWN AENFIFMGDF NAGCSYVPPK
201  AWKDIRLRTD PKFVWLIGDQ EDTTVKKSTN CAYDRIVLRG QNIVNSGGPQ
251  SNLVFDFQKA YRLSESKAL
```

FIG. 6

Note: CDS start from nt 145, end at 1014 (including 6 bp for 2 stop codons).

Note: 179 bp of 3'untranslated flanking sequence between the double stop codons and the polyA.

Length: 1212 August 18, 2003 07:16 Type: N Check: 9016 ..

```
1      GAACTGAAAG TTGCAAGGAG AAATCCAGTA ATTCCTGTTA TCTGCAGGCT
51     TTATAAGTCA GTGGAGCCTG CGGAAGTGGC CAGAATCCAG CACTCCAAGC
101    ACTGCTGTCT TCTCACAGAG TCTTGAAGCC AGAGCAGCAC CAGGATGTCA
151    CGGGAGCTGG CCCCACTGCT GCTTCTCCTC CTCTCCATCC ACAGCGCCCT
201    GGCCATGAGG ATCTGCTCCT TCAACGTCAG GTCCTTTGGG GAAAGCAAGC
251    AGGAAGACAA GAATGCCATG GATGTCATTG TGAAGGTCAT CAAACGCTGT
301    GACATCATAC TCGTGATGGA AATCAAGGAC AGCAACAACA GGATCTGCCC
351    CATACTGATG GAGAAGCTGA ACAGAAATTC AAGGAGAGGC ATAACGTACA
401    ACTATGTGAT TAGCTCTCGG CTTGGAAGAA ACACATATAA AGAACAATAT
451    GCCTTTCTCT ACAAGGAAAA GCTGGTGTCT GTGAAGAGGA GTTATCACTA
501    CCATGACTAT CAGGATGGAG ACGCAGATGT GTTTTCCAGG GAGCCCTTTG
551    TGGTCTGGTT CCAATCTCCC CACACTGCTG TCAAAGACTT CGTGATTATC
601    CCCCTGCACA CCACCCAGAG GACATCCGTT AAGGAGATCG ATGAGTTGGT
651    TGAGGTCTAC ACGGACGTGA AACACCGCTG GAAGGCGGAG AATTTCATTT
701    TCATGGGTGA CTTCAATGCC GGCTGCAGCT ACGTCCCCAA GAAGGCCTGG
751    AAGAACATCC GCTTGAGGAC TGACCCAGG TTTGTTTGGC TGATCGGGGA
801    CCAAGAGGAC ACCACGGTCA AGAAGAGCAC AAATGCGCC TATGACAGGA
851    TCGTGCTTAG AGGACAAAAT ATTGTCAACT CTGTTGTTCC CAAGTCAAAC
901    AGTGTTTTTTG ACTTCCAGAA AGCTTACAAG CTGACTGAAG AGGAGGTAAG
951    GTTGCCATCT TGTCTTTCTA TGCCATTGTC CTGGAAAGAT GAGTTAGCTT
1001   GGGCAACATG ATGAGACTCC ATCTCTATGA AAAATTCAAA AAAATTAGCT
1051   GGGCATGGTG ATGCATGCCT ATGGTCCCAG CTACTTGGGA GGCTGAGGTG
1101   GGAGGATCAC TTGAGTCCAG GAAGCGGAGG TTGCAGTGAG CCAAGATCGC
1151   ACCACTGCAC TCCAGGCTGG GCAACAGAGT GAGATCCTGT CTCAAAAAAA
1201   AAAAAAAAAA AA
```

FIG. 7

TRANSLATE of: hfaa.seq check: 9016 from: 145 to: 1014
generated symbols 1 to: 290.

Length: 290 August 18, 2003 07:29 Type: P Check: 7402 ..

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1      MSRELAPLLL LLLSIHSALA MRICSFNVRS FGESKQEDKN AMDVIVKVIK
51     RCDIILVMEI KDSNNRICPI LMEKLNRRNSR RGITYNYVIS SRLGRNTYKE
101    QYAFLYKEKL VSVKRSYHYH DYQDGDADV F SREPFVVWFQ SPHTAVKDFV
151    I IPLHTTPET SVKEIDELVE VYTDVKHRWK AENFIFMGDF NAGCSYVPPK
201    AWKNIRLRTD PRFVWLIGDQ EDTTVKKSTN CAYDRIVLRG QNIVNSVVPK
251    SNSVFDFQKA YKLTEEEV
```

FIG. 8

FIG. 9A



FIG. 9B

